Quantitation Report (Qedit)

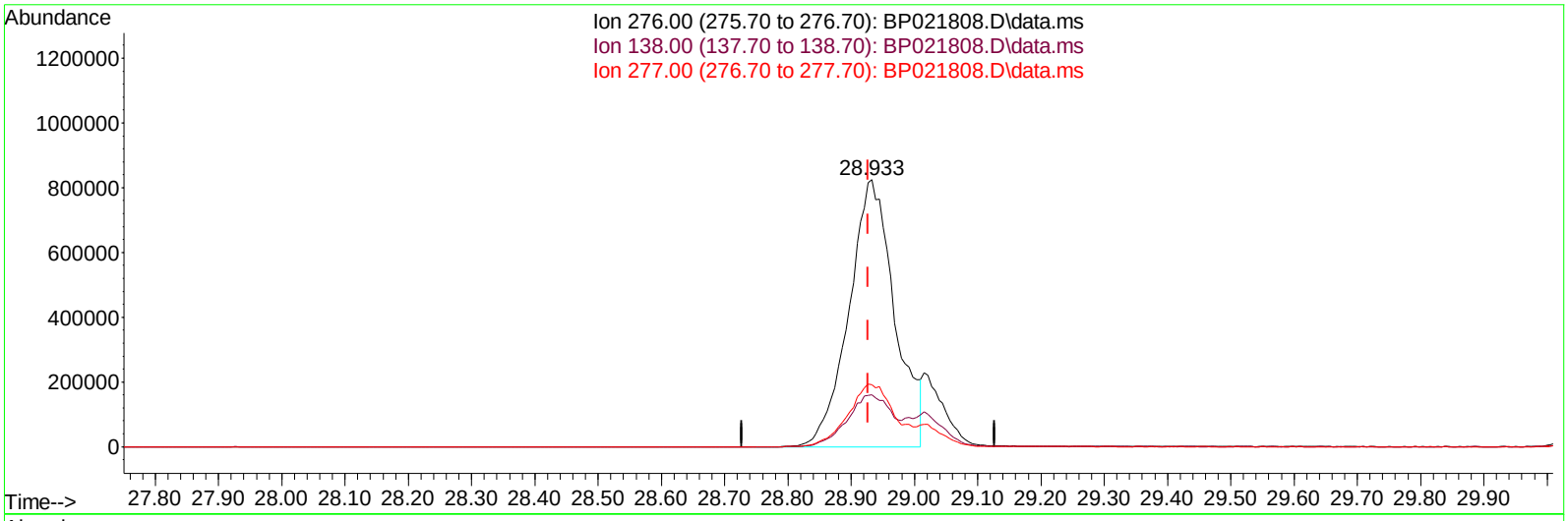
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090324\
Data File : BP021808.D
Acq On : 04 Sep 2024 05:54
Operator : RC/JU
Sample : P3733-10MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

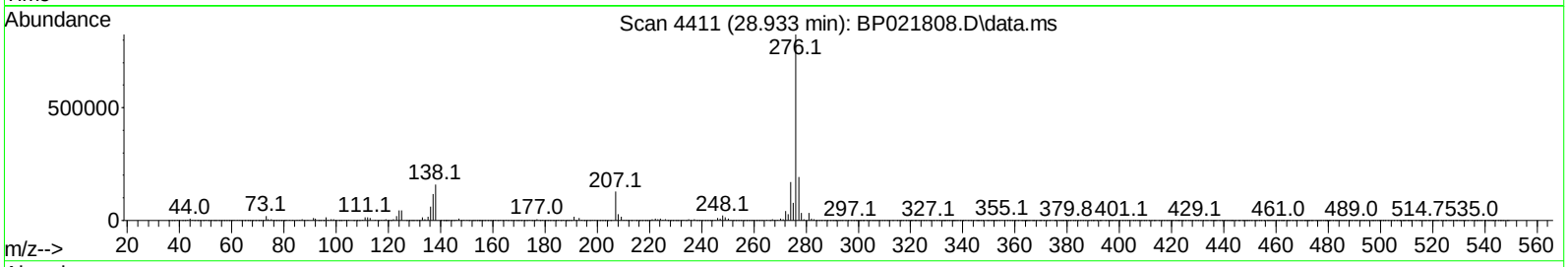
Quant Time: Sep 04 06:50:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 29 23:56:59 2024
Response via : Initial Calibration

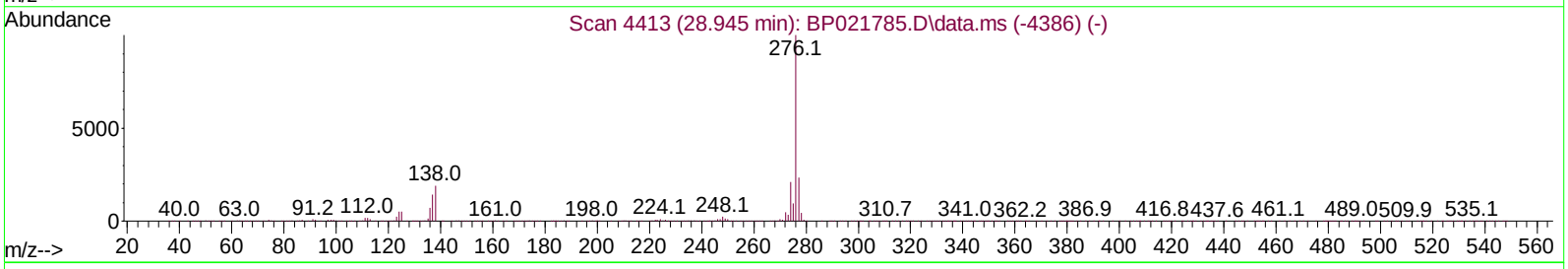
Instrument :
BNA_P
ClientSampleId :
A44A3MS

Manual IntegrationsAPPROVED

Reviewed By :Jagrut Upadhyay 09/04/2024
Supervised By :mohammad ahmed 09/07/2024







TIC: BP021808.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.933min (+ 0.006) 31.19 ng/ul

response 4133258

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.42
277.00	23.80	23.35
0.00	0.00	0.00

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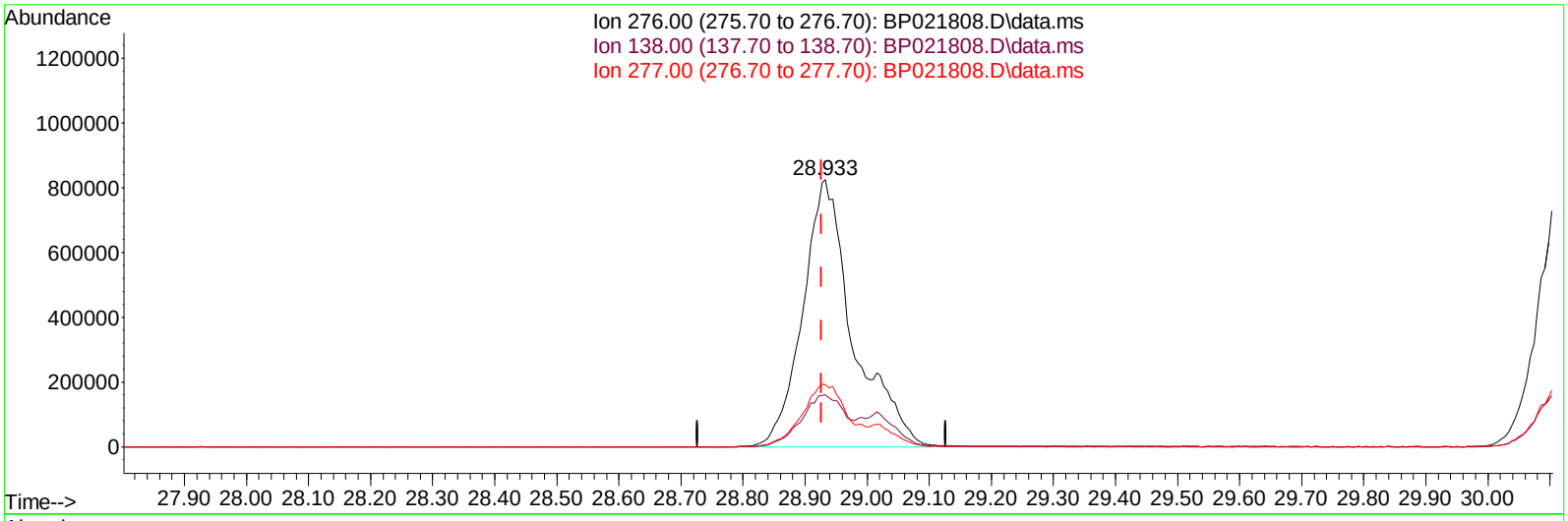

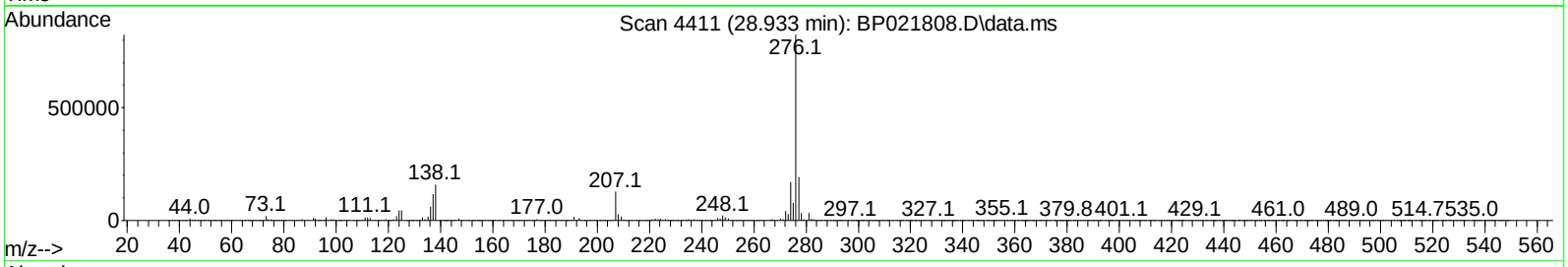

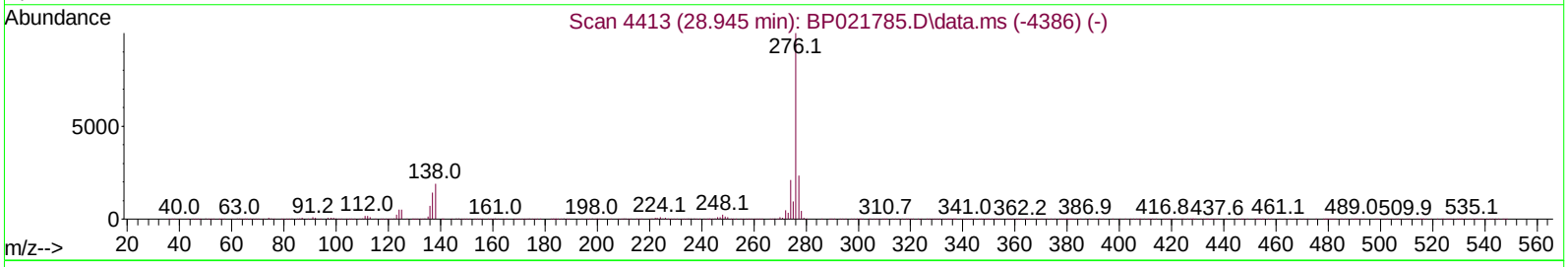

TIC: BP021808.D\data.ms

(94) Indeno(1,2,3-cd)pyrene

28.933min (+ 0.006) 35.12 ng/ul m

response 4653598

Ion	Exp%	Act%
276.00	100.00	100.00
138.00	18.60	19.42
277.00	23.80	23.35
0.00	0.00	0.00

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Quant Title : SVOA CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	263940	20.000	ng/ul	0.00
20) Naphthalene-d8	10.563	136	1076226	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.416	164	695971	20.000	ng/ul	-0.02
64) Phenanthrene-d10	17.216	188	1528356	20.000	ng/ul	-0.01
79) Chrysene-d12	21.669	240	1538460	20.000	ng/ul	0.00
88) Perylene-d12	25.062	264	1782901	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	45019	5.663	ng/uL	0.00
4) Pyridine-d5	3.681	84	608088	26.444	ng/ul	0.00
7) Phenol-d5	6.952	99	806417	28.629	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.111	67	440470	28.734	ng/ul	0.00
11) 2-Chlorophenol-d4	7.322	132	545465	29.995	ng/ul	0.00
15) 4-Methylphenol-d8	8.487	113	631504	29.013	ng/ul	0.00
21) Nitrobenzene-d5	8.928	128	269533	31.129	ng/ul	0.00
24) 2-Nitrophenol-d4	9.646	143	276161	31.421	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.187	165	535951	30.944	ng/ul	0.00
31) 4-Chloroaniline-d4	10.693	131	718933	28.531	ng/ul	0.00
46) Dimethylphthalate-d6	13.822	166	1607955	30.194	ng/ul	-0.02
49) Acenaphthylene-d8	14.104	160	1863702	31.171	ng/ul	-0.02
54) 4-Nitrophenol-d4	14.616	143	314305	31.022	ng/ul	-0.01
60) Fluorene-d10	15.422	176	1397931	31.224	ng/ul	-0.02
65) 4,6-Dinitro-2-methylph...	15.545	200	238652	28.390	ng/ul	-0.01
73) Anthracene-d10	17.316	188	2193653	30.243	ng/ul	-0.02
81) Pyrene-d10	19.692	212	2786439	31.684	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.839	264	3056573	32.151	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	113051	13.380	ng/uL	98
5) Pyridine	3.705	79	726473	31.615	ng/ul	98
6) Benzaldehyde	6.928	77	539324	37.434	ng/ul	99
8) Phenol	6.981	94	980271	33.376	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.205	93	755528	33.094	ng/ul	100
12) 2-Chlorophenol	7.352	128	653348	34.230	ng/ul	99
13) 2-Methylphenol	8.222	108	695681	32.833	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.293	45	731318	33.188	ng/ul	98
16) Acetophenone	8.593	105	1161103	33.274	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.581	70	523350	31.781	ng/ul	95
18) 4-Methylphenol	8.546	108	769020	33.152	ng/ul	100
19) Hexachloroethane	8.852	117	296159	34.701	ng/ul	89
22) Nitrobenzene	8.969	77	861178	35.668	ng/ul	99
23) Isophorone	9.499	82	1568017	32.364	ng/ul	99
25) 2-Nitrophenol	9.681	139	359491	36.917	ng/ul	96
26) 2,4-Dimethylphenol	9.746	107	744190	31.137	ng/ul	98
27) Bis(2-Chloroethoxy)met...	9.969	93	1013211	33.346	ng/ul	99
29) 2,4-Dichlorophenol	10.210	162	613036	35.223	ng/ul	98
30) Naphthalene	10.610	128	2090445	34.464	ng/ul	100
32) 4-Chloroaniline	10.716	127	823137	32.357	ng/ul	100
33) Hexachlorobutadiene	10.904	225	403191	34.527	ng/ul	98
34) Caprolactam	11.504	113	260317	35.371	ng/ul	98
35) 4-Chloro-3-methylphenol	11.857	107	818569	35.535	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.228	142	1393560	33.967	ng/ul	100
37) 1-Methylnaphthalene	12.445	142	1395880	33.826	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	748872	34.140	ng/ul	98
40) Hexachlorocyclopentadiene	12.581	237	343588	27.298	ng/ul	97
41) 2,4,6-Trichlorophenol	12.840	196	492497	34.872	ng/ul	98
42) 2,4,5-Trichlorophenol	12.916	196	544759	35.721	ng/ul	98
43) 1,1'-Biphenyl	13.240	154	1828107	34.718	ng/ul	98
44) 2-Chloronaphthalene	13.281	162	1421360	34.427	ng/ul	99
45) 2-Nitroaniline	13.487	65	494528	38.236	ng/ul	97
47) Dimethylphthalate	13.869	163	1810856	33.960	ng/ul	99
48) 2,6-Dinitrotoluene	13.981	165	364793	37.094	ng/ul	93
50) Acenaphthylene	14.134	152	2260861	35.159	ng/ul	99
51) 3-Nitroaniline	14.316	138	399943	37.216	ng/ul	99
52) Acenaphthene	14.481	153	1588788	35.134	ng/ul	99
53) 2,4-Dinitrophenol	14.522	184	190164	32.299	ng/ul	90
55) 4-Nitrophenol	14.634	109	367493	39.614	ng/ul	95
56) Dibenzofuran	14.822	168	2181949	34.877	ng/ul	97
57) 2,4-Dinitrotoluene	14.781	165	568002	38.435	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.051	232	459481	34.971	ng/ul	95
59) Diethylphthalate	15.257	149	1874175	35.000	ng/ul	99
61) Fluorene	15.487	166	1796889	35.510	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.481	204	862450	33.920	ng/ul	96
63) 4-Nitroaniline	15.498	138	414255	39.885	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.563	198	317030	33.716	ng/ul	98
67) N-Nitrosodiphenylamine	15.692	169	1541608	34.288	ng/ul	98
68) 4-Bromophenyl-phenylether	16.392	248	565474	33.515	ng/ul	98
69) Hexachlorobenzene	16.510	284	653787	32.640	ng/ul	93
70) Atrazine	16.675	200	588623	34.514	ng/ul	98
71) Pentachlorophenol	16.863	266	421495	32.880	ng/ul	99
72) Phenanthrene	17.263	178	2958198	35.256	ng/ul	99
74) Anthracene	17.357	178	2885232	33.942	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.204	216	746760	32.864	ng/uL	98
76) Pentachlorobenzene	14.740	250	740448	31.439	ng/uL	100
77) Carbazole	17.633	167	2816010	36.833	ng/ul	100
78) Di-n-butylphthalate	18.233	149	3380957	36.330	ng/ul	100
80) Fluoranthene	19.345	202	3663848	35.701	ng/ul	100
82) Pyrene	19.722	202	3867687	35.584	ng/ul	99
83) Butylbenzylphthalate	20.669	149	1591247	35.757	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.563	252	1058828	27.310	ng/ul	99
85) Benzo(a)anthracene	21.651	228	3889277	35.539	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.592	149	2274688	34.631	ng/ul	99
87) Chrysene	21.716	228	3691325	35.840	ng/ul	100
89) Di-n-octyl phthalate	22.886	149	3829579	33.933	ng/ul	100
90) Benzo(b)fluoranthene	23.998	252	3982344	35.698	ng/ul	99
91) Benzo(k)fluoranthene	24.068	252	3933926	36.021	ng/ul	99
93) Benzo(a)pyrene	24.915	252	3707474	36.073	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.933	276	4653598m	35.116	ng/ul	
95) Dibenzo(a,h)anthracene	29.021	278	3745830	35.176	ng/ul	99
96) Benzo(g,h,i)perylene	30.115	276	3719102	36.323	ng/ul	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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